

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085513.D
 Acq On : 21 Jan 2025 13:41
 Operator : JC\MD
 Sample : Q1140-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 00:40:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

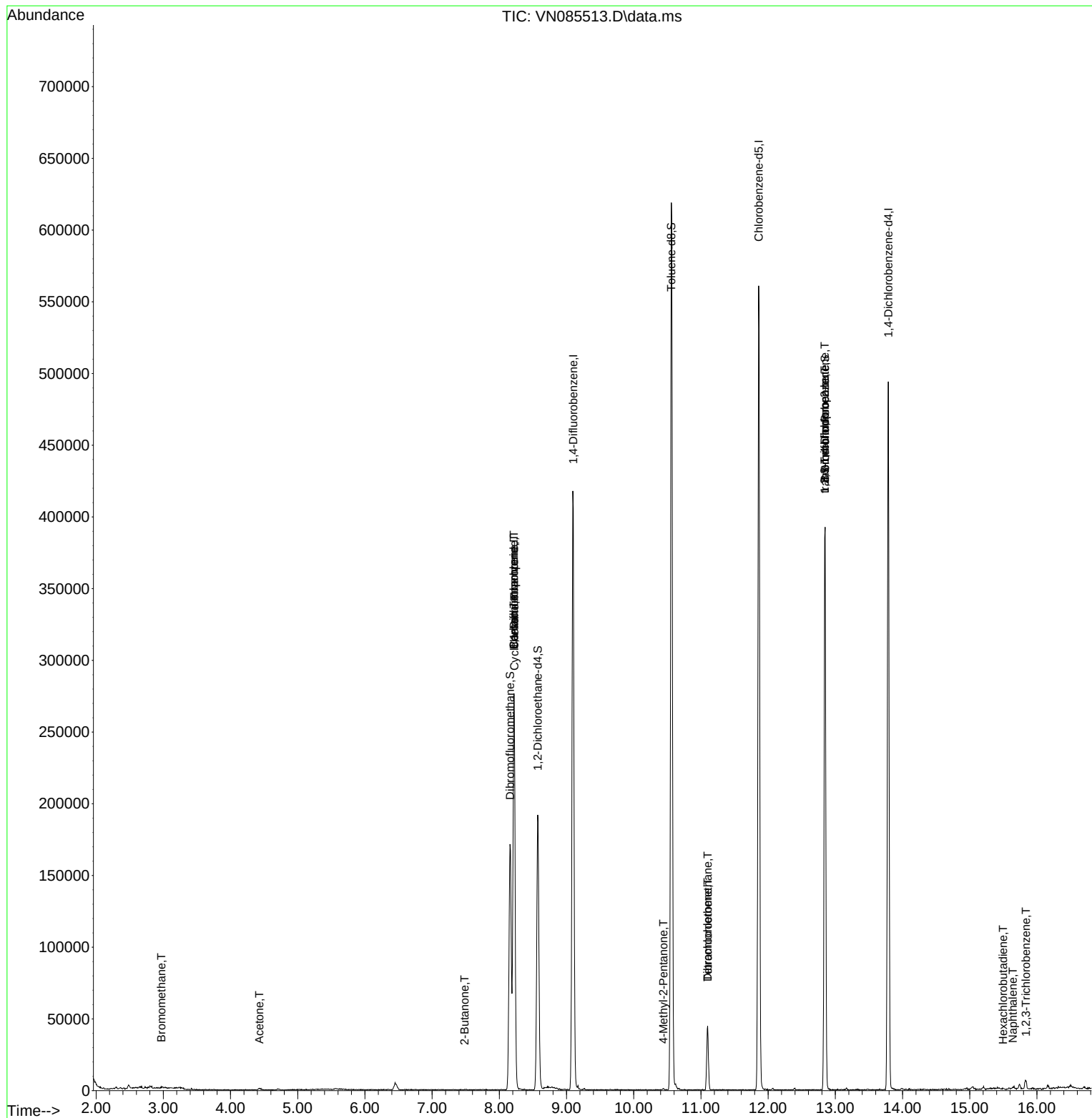
Internal Standards						
1) Pentafluorobenzene	8.218	168	184150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	302018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	163625	55.045	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.100%
35) Dibromofluoromethane	8.159	113	122118	51.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	10.559	98	419652	50.109	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.847	95	131894	46.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	736	0.449	ug/l #	62
16) Acetone	4.430	43	2347	2.444	ug/l	98
25) 2-Butanone	7.483	43	321	0.227	ug/l #	50
31) Cyclohexane	8.224	56	5126	1.359	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17291	5.227	ug/l #	50
38) Carbon Tetrachloride	8.218	117	20994	5.543	ug/l #	17
51) 4-Methyl-2-Pentanone	10.441	43	1059	0.341	ug/l #	56
60) Dibromochloromethane	11.100	129	9755	3.545	ug/l #	11
64) Tetrachloroethene	11.100	164	9914	4.815	ug/l	90
71) Bromoform	12.847	173	1177	0.677	ug/l #	1
76) 1,2,3-Trichloropropane	12.841	75	73537	28.404	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	73537	76.850	ug/l #	3
94) Hexachlorobutadiene	15.494	225	277	0.272	ug/l #	51
95) Naphthalene	15.641	128	1741	0.304	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.835	180	564	0.291	ug/l #	77

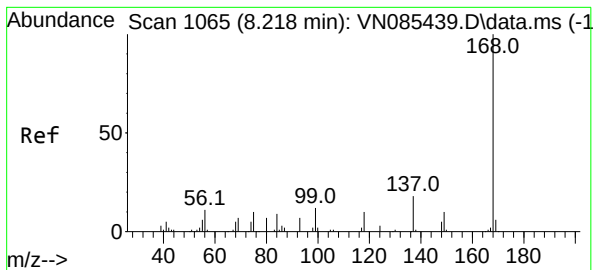
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Jan 22 00:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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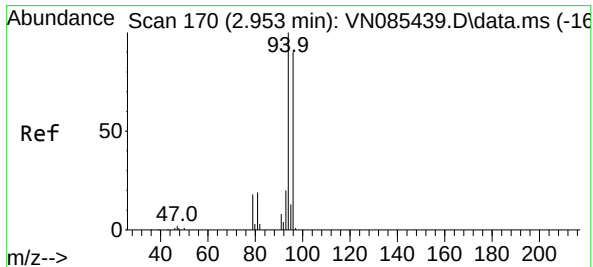
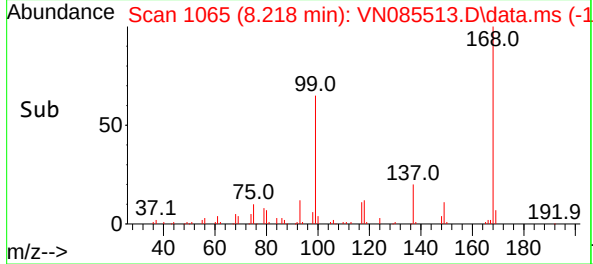
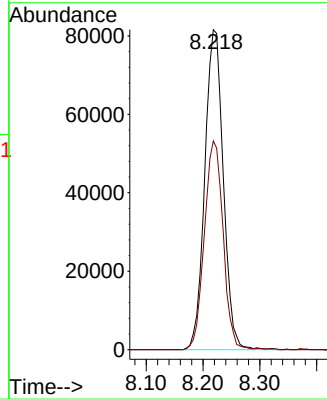
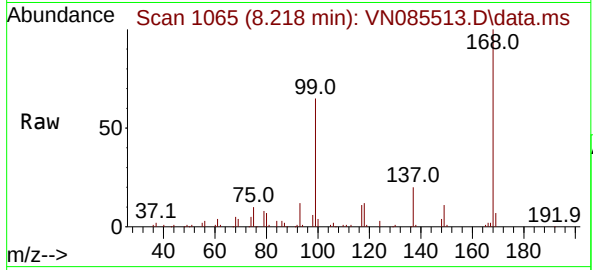




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

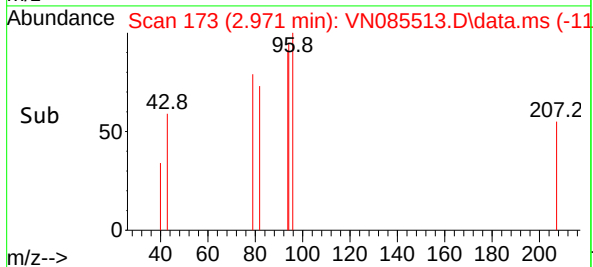
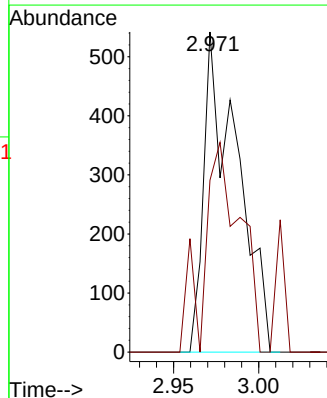
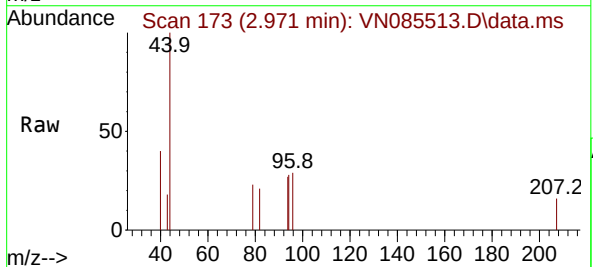
Instrument :
MSVOA_N
ClientSampleId :

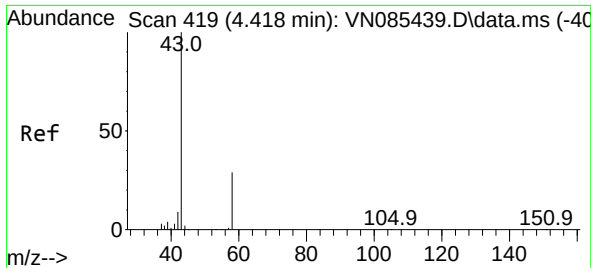
Tgt Ion:168 Resp: 184150
Ion Ratio Lower Upper
168 100
99 65.2 53.6 80.4



#5
Bromomethane
Concen: 0.449 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 53.7 71.8 107.6#

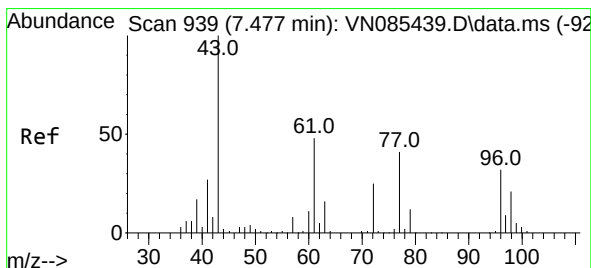
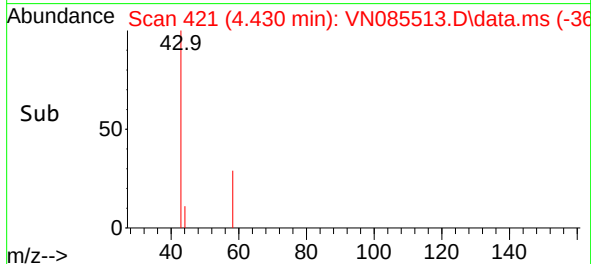
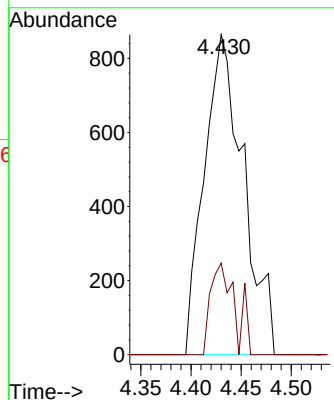
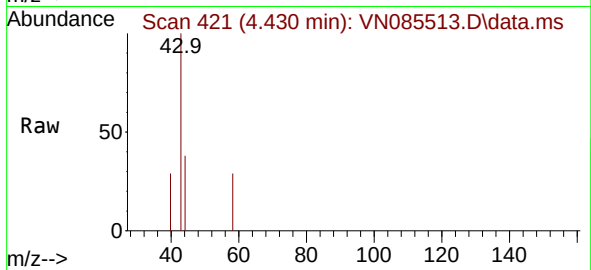




#16
Acetone
Concen: 2.444 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

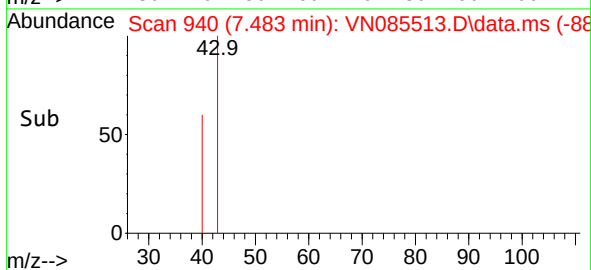
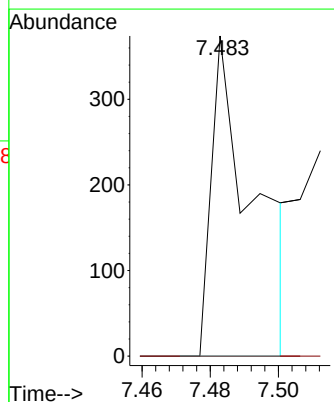
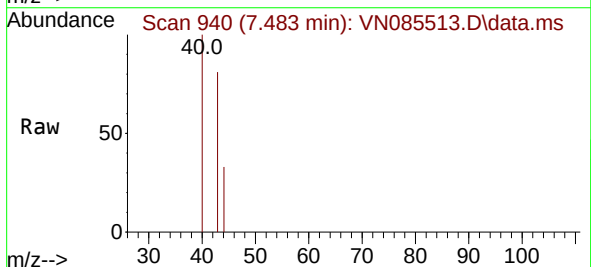
Instrument :
MSVOA_N
ClientSampleId :

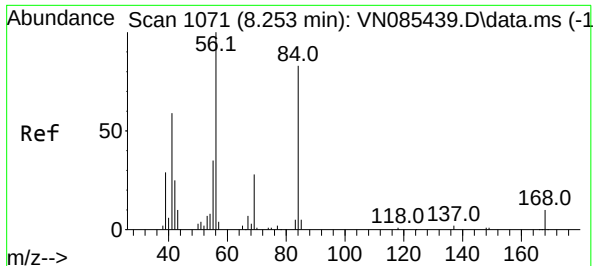
Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.6



#25
2-Butanone
Concen: 0.227 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

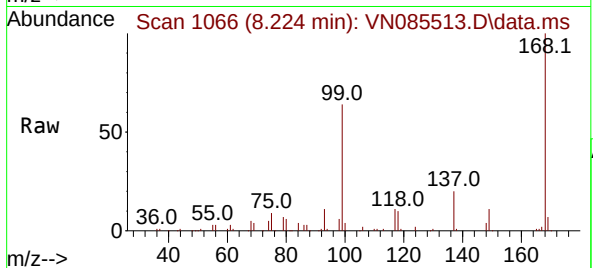
Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



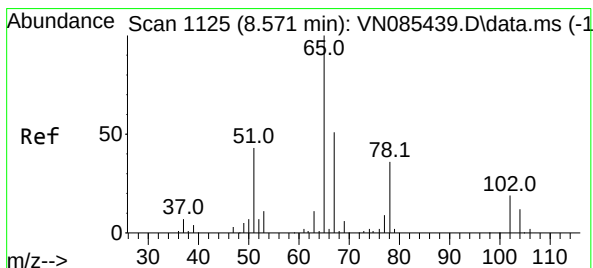
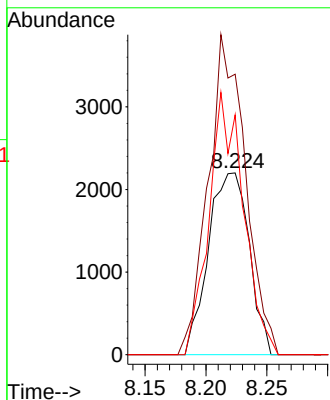
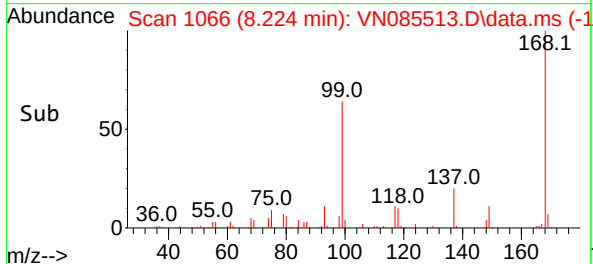


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

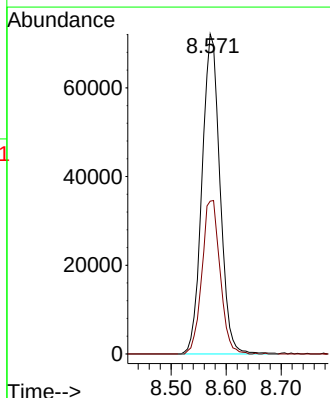
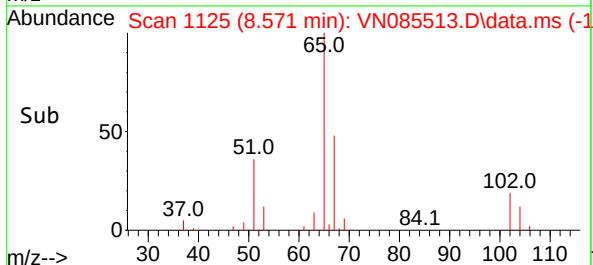
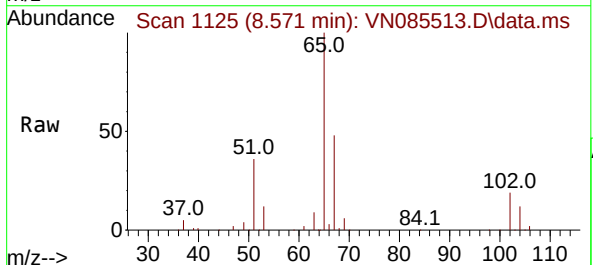


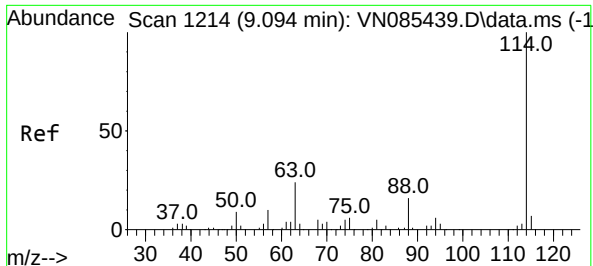
Tgt Ion: 56 Resp: 5126
Ion Ratio Lower Upper
56 100
69 154.3 22.2 33.4#
84 132.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.045 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 65 Resp: 163625
Ion Ratio Lower Upper
65 100
67 48.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085513.D

Acq: 21 Jan 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :

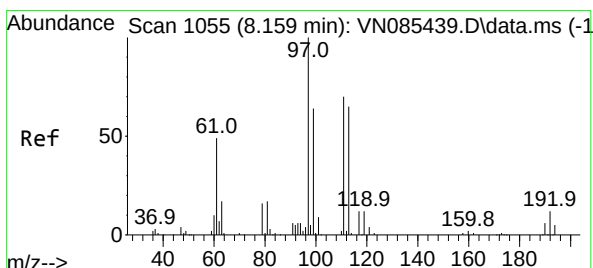
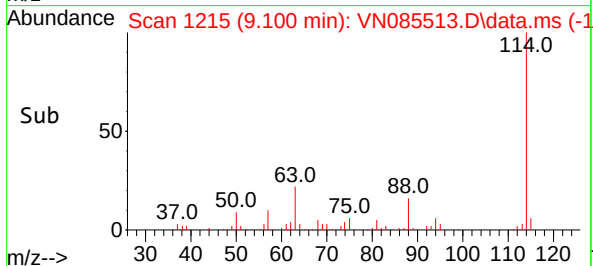
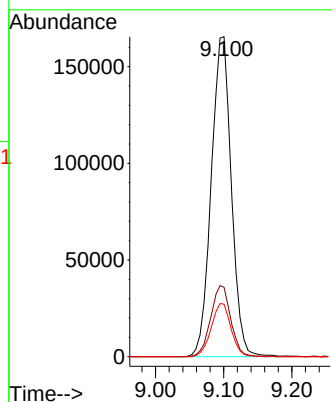
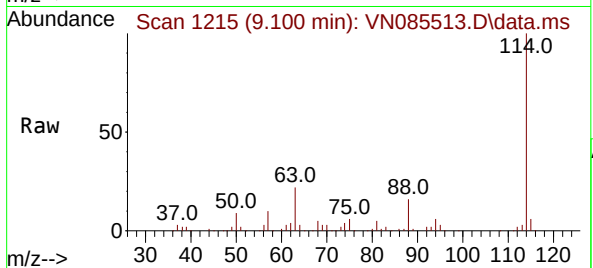
Tgt Ion:114 Resp: 339765

Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.808 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085513.D

Acq: 21 Jan 2025 13:41

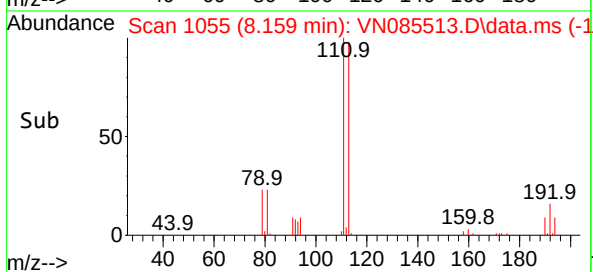
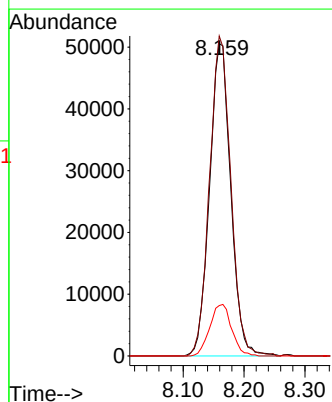
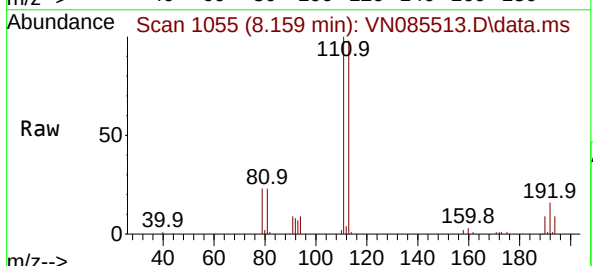
Tgt Ion:113 Resp: 122118

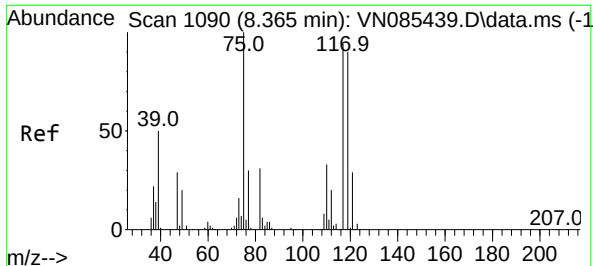
Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.227 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085513.D

Acq: 21 Jan 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :

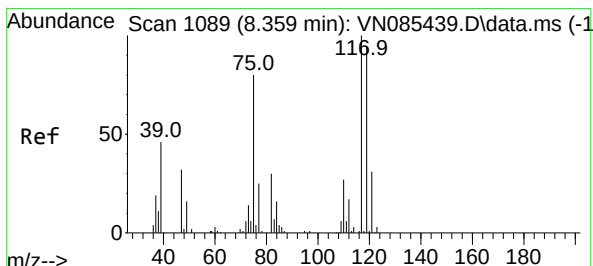
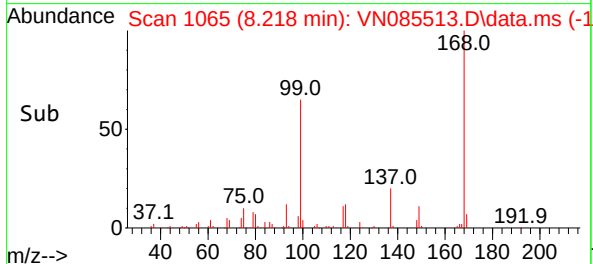
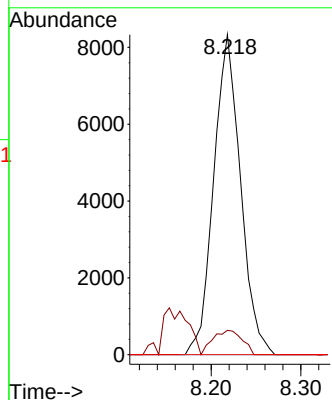
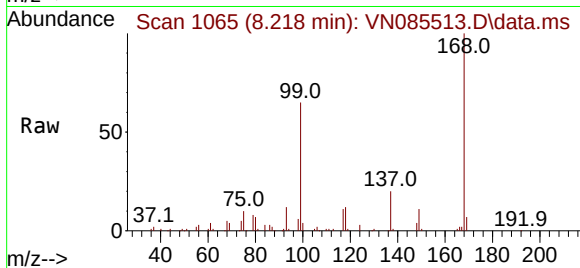
Tgt Ion: 75 Resp: 17291

Ion Ratio Lower Upper

75 100

110 8.3 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.543 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN085513.D

Acq: 21 Jan 2025 13:41

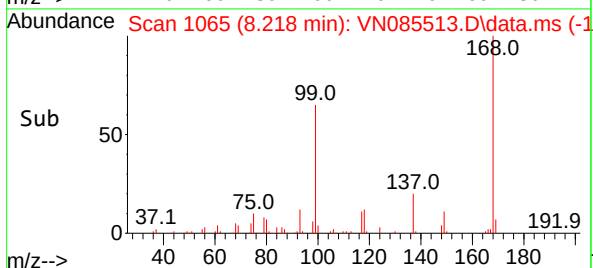
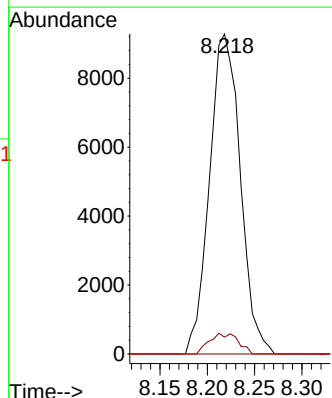
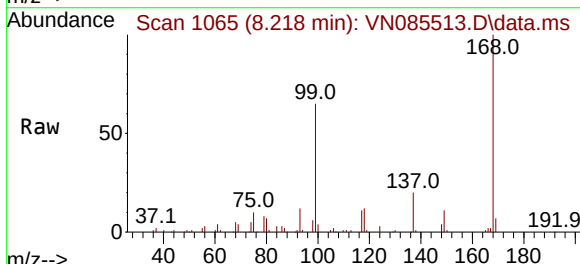
Tgt Ion: 117 Resp: 20994

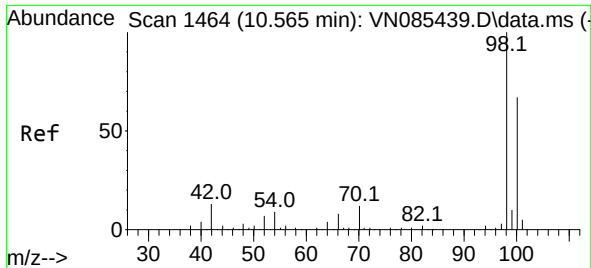
Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.2#

121 0.0 24.6 37.0#

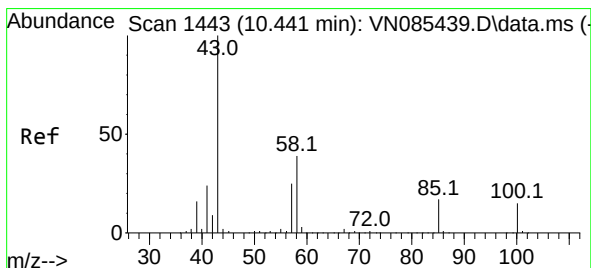
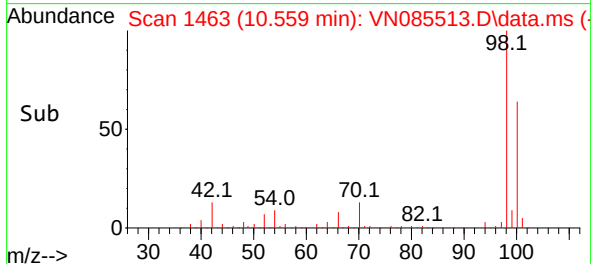
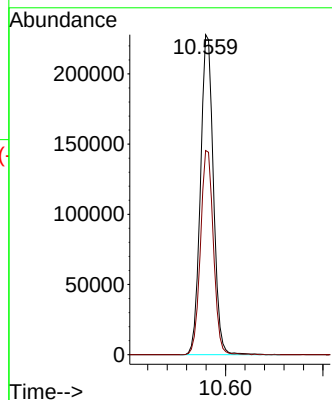
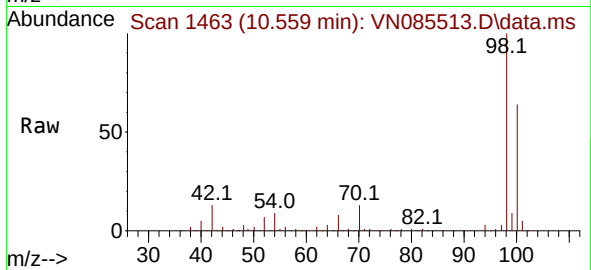




#50
Toluene-d8
Concen: 50.109 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

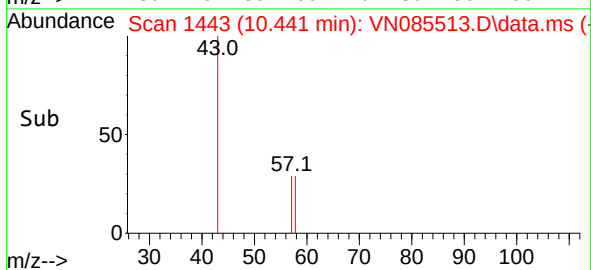
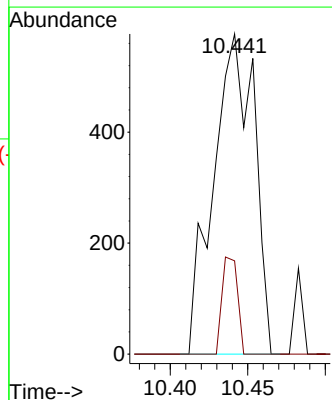
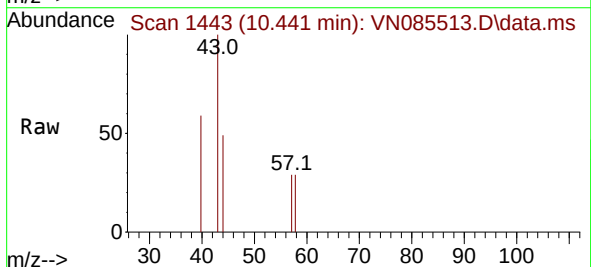
Instrument :
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ClientSampleId :

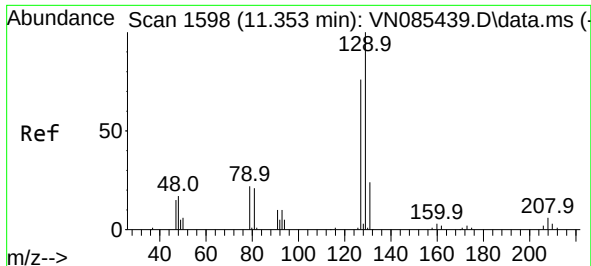
Tgt Ion: 98 Resp: 419652
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.341 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 11.4 30.5 45.7#

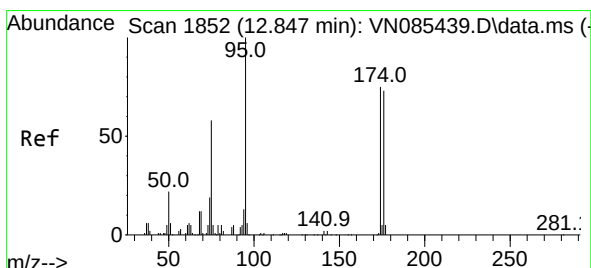
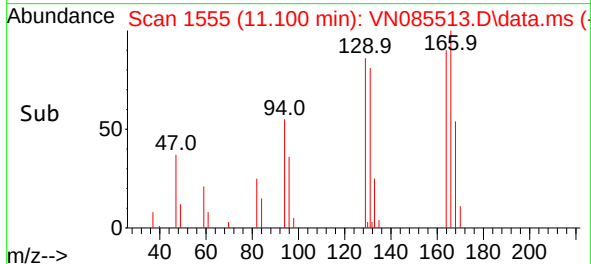
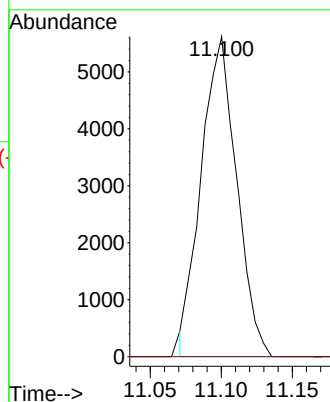
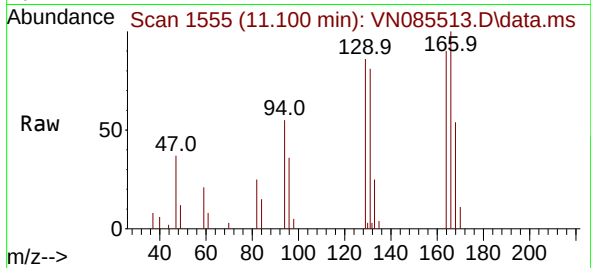




#60
Dibromochloromethane
Concen: 3.545 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

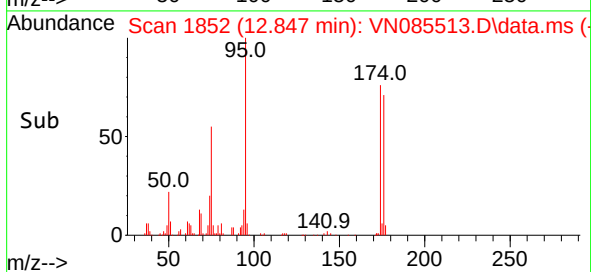
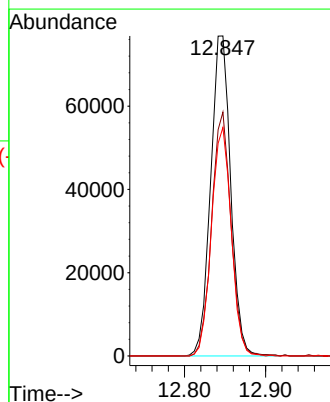
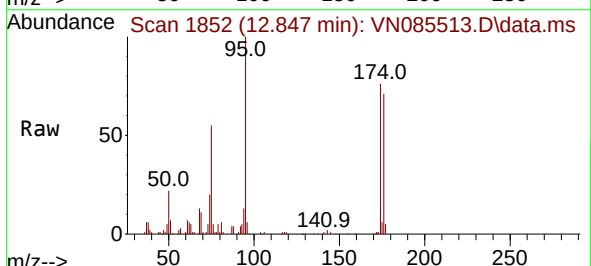
Instrument :
MSVOA_N
ClientSampleId :

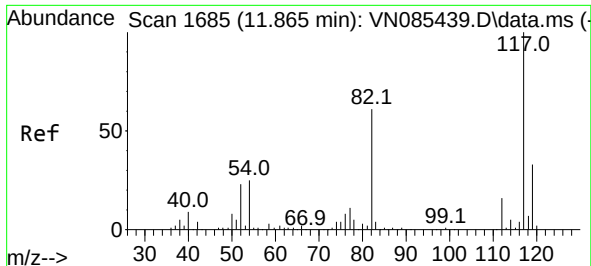
Tgt Ion:129 Resp: 9755
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion: 95 Resp: 131894
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.0
176 70.4 0.0 142.4

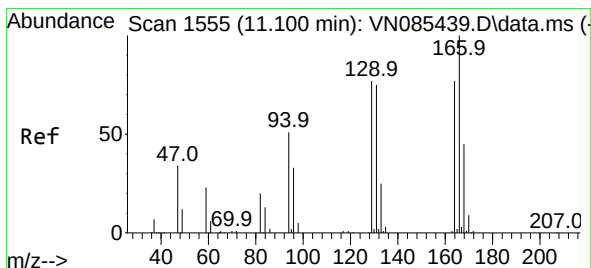
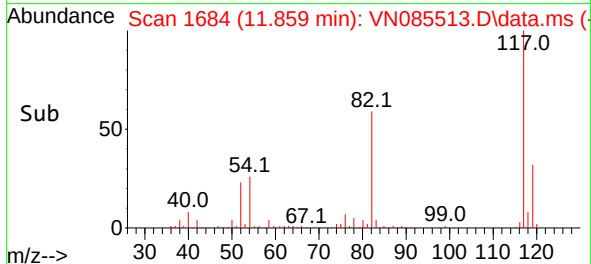
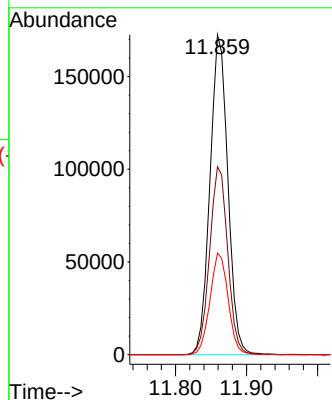
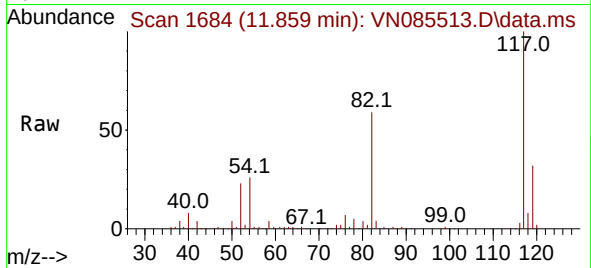




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

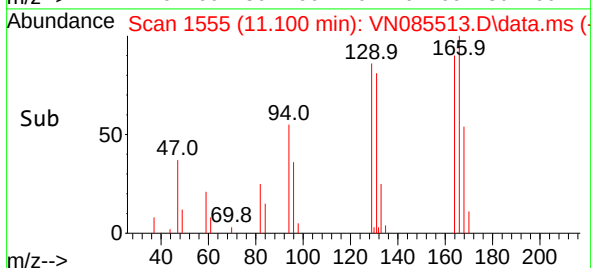
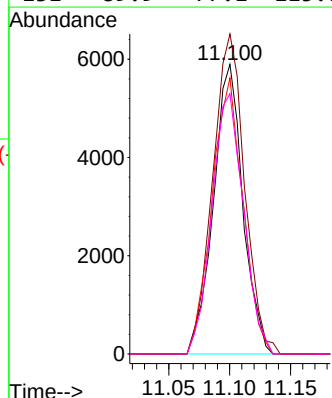
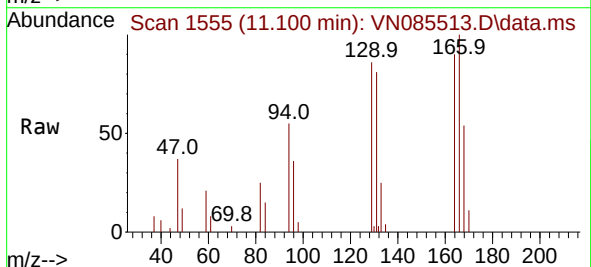
Instrument :
MSVOA_N
ClientSampleId :

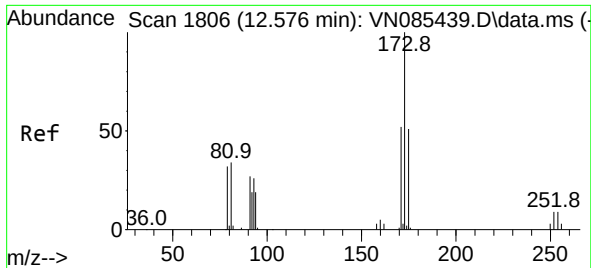
Tgt Ion:117 Resp: 302018
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 4.815 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion:164 Resp: 9914
Ion Ratio Lower Upper
164 100
166 110.5 103.4 155.2
129 95.3 79.2 118.8
131 89.9 77.1 115.7

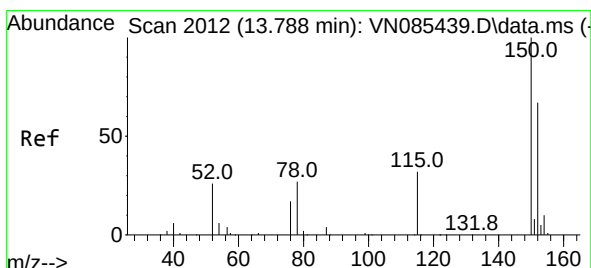
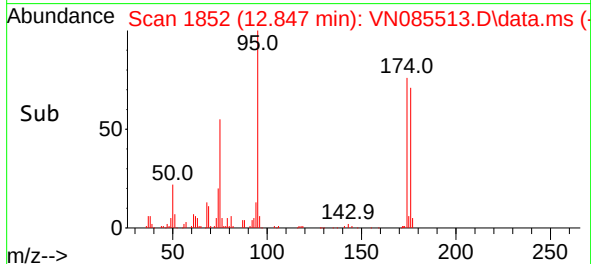
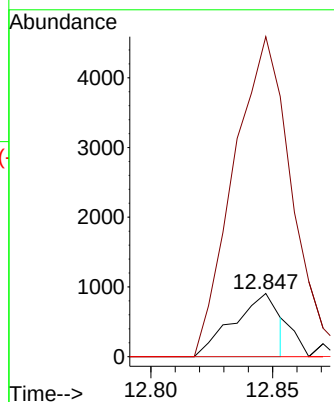
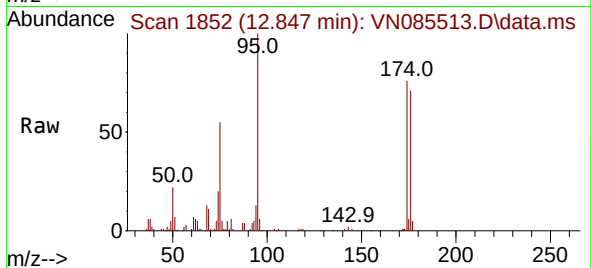




#71
Bromoform
Concen: 0.677 ug/l
RT: 12.847 min Scan# 1177
Delta R.T. 0.271 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

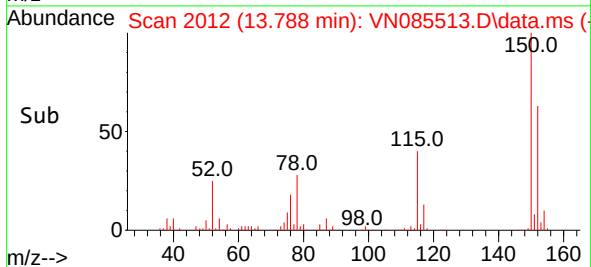
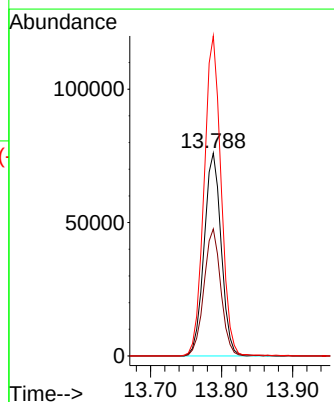
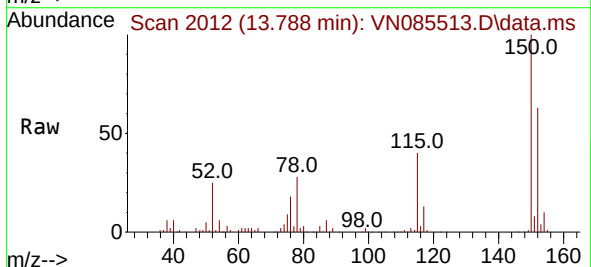
Instrument :
MSVOA_N
ClientSampleId :

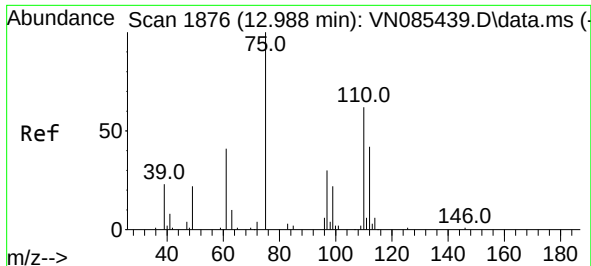
Tgt Ion	Ratio	Lower	Upper
173	100		
175	532.3	24.4	73.2#
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	156.8	0.0	343.6

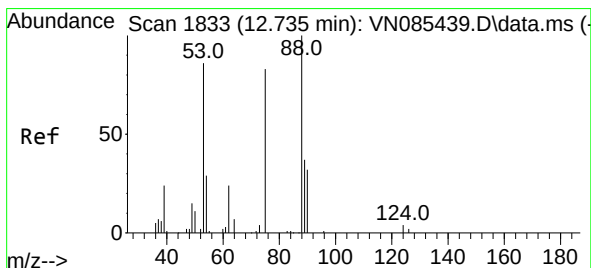
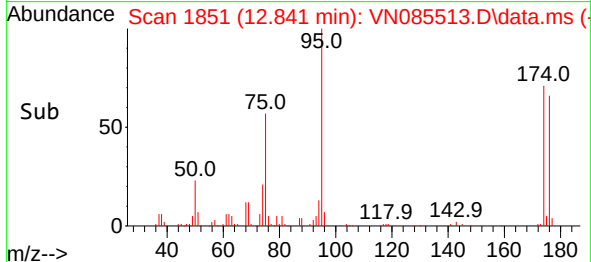
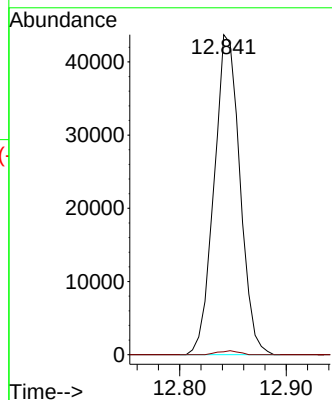
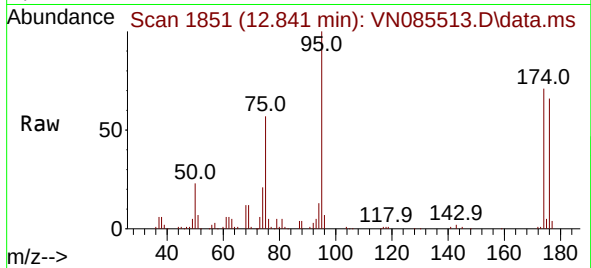




#76
1,2,3-Trichloropropane
Concen: 28.404 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

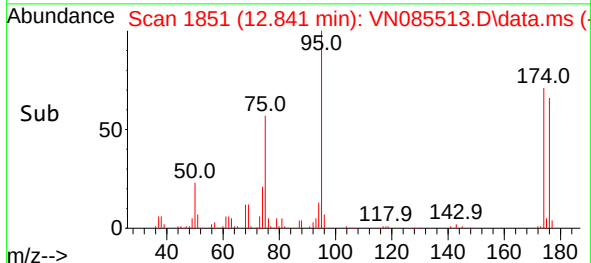
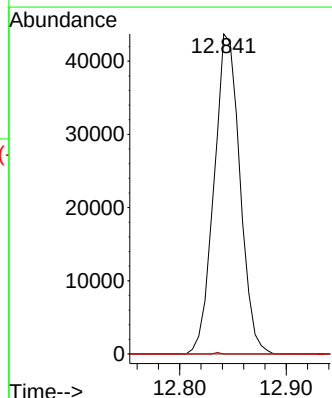
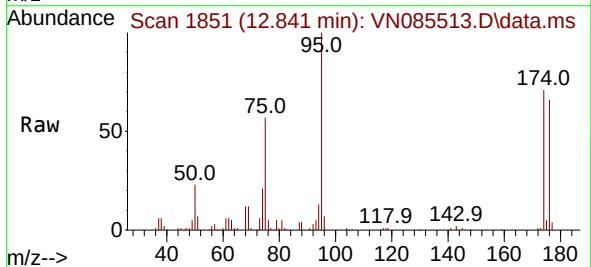
Instrument :
MSVOA_N
ClientSampleId :

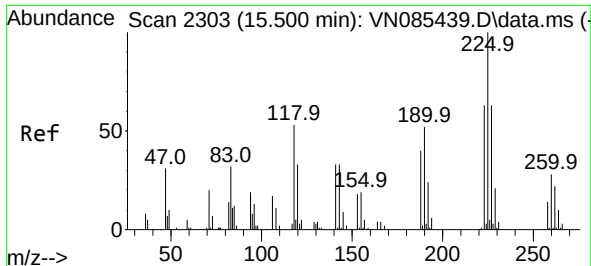
Tgt Ion: 75 Resp: 73537
Ion Ratio Lower Upper
75 100
77 1.0 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.850 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.106 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

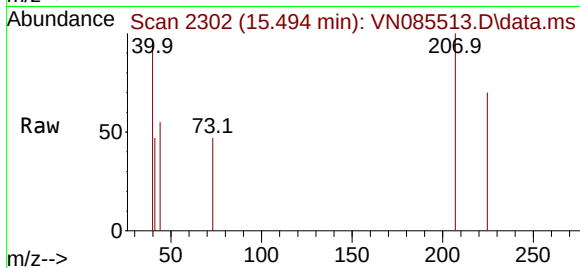
Tgt Ion: 75 Resp: 73537
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



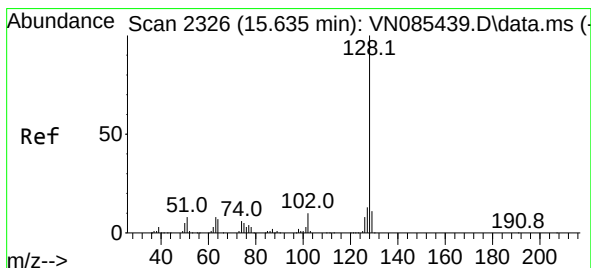
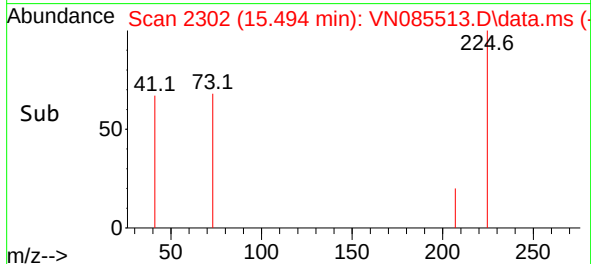
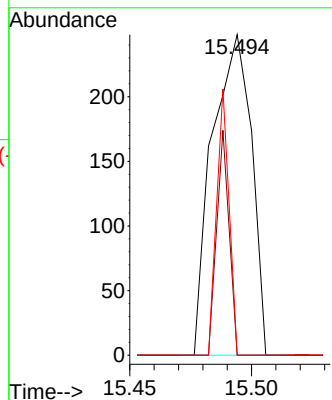


#94
Hexachlorobutadiene
Concen: 0.272 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

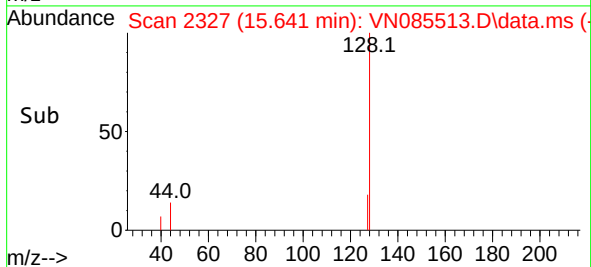
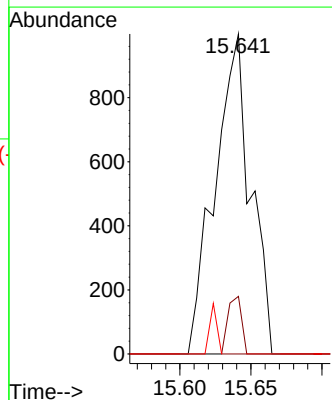
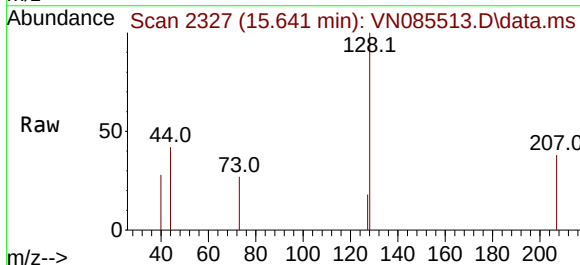


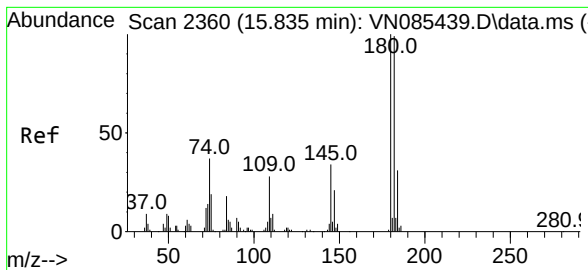
Tgt Ion:225 Resp: 277
Ion Ratio Lower Upper
225 100
223 22.0 30.7 92.1#
227 26.4 30.9 92.5#



#95
Naphthalene
Concen: 0.304 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085513.D
Acq: 21 Jan 2025 13:41

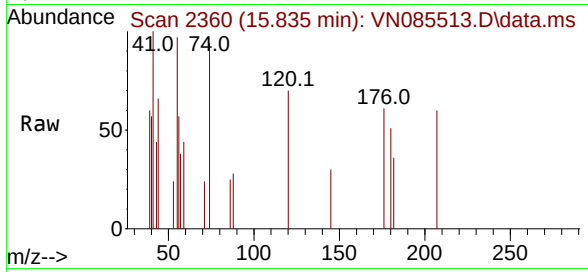
Tgt Ion:128 Resp: 1741
Ion Ratio Lower Upper
128 100
127 6.9 10.6 16.0#
129 3.2 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.291 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085513.D
 Acq: 21 Jan 2025 13:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	564
Ion Ratio	Lower	Upper	
180	100		
182	77.8	47.4	142.2
145	11.9	16.9	50.7#

